

CLAIMS

What is claimed is:

- 1 1. A system for switching signals over conductors comprising:
2 a plurality of encoders for receiving a signals from a plurality of sources; and
3 a crosspoint switching matrix means for receiving encoded signals from the
4 plurality of encoders and for providing signals to a plurality of receivers.

- 1 2. The system of claim 1 wherein the plurality of sources comprises a plurality
2 of audio/video sources.

- 1 3. The system of claim 1 wherein the conductors comprise a twisted cable pair
2 cable.

- 1 4. The system of claim 1 wherein the crosspoint matrix means comprises:
2 a crosspoint switching matrix;
3 a local control coupled to the crosspoint switching matrix; and
4 a display coupled to the crosspoint switching matrix.

- 1 5. The system of claim 1 which includes a control system coupled to crosspoint
2 switching matrix.

1 6. The system of claim 5 wherein the control system comprises:
2 control circuitry coupled to the crosspoint switching matrix;
3 interface circuitry coupled between the crosspoint switching matrix and the
4 conductors; and
5 a modem coupled between the crosspoint switching matrix.

1 7. The system of claim 6 wherein the control system includes a computer
2 interface coupled to the control circuitry; and local control coupled to the control circuitry.